

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 137435

To:

Roy Teller

Location: REM-3D18

REM-3D18 4018

Art Unit: 1654

Friday, November 12, 2004

Case Serial Number: 09/743533

From: B

Beverly Shears

Location: Remsen Bldg.

RM 1A54

Phone:

571-272-2528

beverly.shears@uspto.gov

Search Notes			
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Hame=Roy Teller	ř		
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Teller, R.

November 10, 2004, 19:14:39; Search time 468 Seconds (without alignments) 374.068 Million cell updates/sec US-09-743-533-19 906 1 MRQLNPCSQELQSPQQSYLQ......PFPQQPQPVPQQASCIWSMV 158 prodata/1/paa/US102_COMB.pep: ptodata/1/paa/US103_COMB.pep: ptodata/1/paa/US104_COMB.pep: ptodata/1/paa/US105_COMB.pep: GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd. Total number of hits satisfying chosen parameters: ptodata/1/paa/US100_ ptodata/1/paa/US101_ 6730630 segs, 1107998698 residues Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries OM protein - protein search, using sw model BLOSUM62 Gapop 10.0 , Gapext 0.5 Minimum DB seq length: 0 Maximum DB seq length: 200000000 Title: Perfect score: Scoring table: Database : Sequence: Run on:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 19, Application US/09743533
GENERAL INFORMATION:
APPLICANT: Commonwealth Scientific and Industrial Research Organisation
TITLE OF INVENTION: Modified Proceins
FILE REPERBNCE: A-70233/RFT
CURRENT APPLICATION NUMBER: US/09/743,533
CURRENT APPLICATION NUMBER: US/09/743,533
PRICR PILING DATE: 2001-01-10
PRICR FILING DATE: 1998-08-10
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 19
ILENGTH: 158

ALIGNMENTS

RESULT 1 US-09-743-533-19

SUMMARIES

TYPE: PRT GRGANISM: Artificial Sequence FRATURE: CHER INFORMATION: unknown US-09-743-533-19

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Z Z	118-09-743-533-1	IIS-10-508-263-11	US-10-739-930-96	US-10-508-263-111	US-10-474-955-10	US-10-474-955-97	US-10-474-955-9	US-10-739-930-9	US-10-474-955-9	US-10-474-955-1	US-09-146-703-1	US-09-146-703A-	US-09-683-666-1	US-09-146-703-18	US-10-739-930-9	US-09-146-703-	US-09-146-703-17	US-09-146-703A-	US-09-683-666-1	US-09-146-703-14	US-09-146-703A	US-09-683-666-1	PCT-US99-27508	US-10-194-046~	US-10-294-804-2	US-09-146-703-15	US-09-146-703A-	US-09-683-666-1	US-10-282-122A-751	US-10-282-122A-7596	3-03987-1400	US-09-815-242-1400	US-10-072-851-1400	US-10-739-930-961	US-10-089-700-3	PCT-US03-37434-16	US-10-739-930-977	US-60-556-841-9570	US-10-425-115-2080	US-10-449-902-3	US-10-449-902-5182	1-05654-82	US-09-789-054A-1	US-10-155-881-27	US-10-374-780A-82
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RESULT 5
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TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53377)B
CURRENT APPLICATION NUMBER: 10/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 9623
LENGTH: 327
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                                                                                                                                                                                                                                                                                                                                    Sequence 110, Application US/10508263
GENERAL INFORMATION:
APPLICANT: BASF Plant Science GmbH
TITLE OF INVENTION: Constructs and methods for regulating gene expression
FILE REFERENCE: 52862-20085.00
CURRENT APPLICATION NUMBER: US/10/508,263
CURRENT PILING DATE: 2004-09-20
NUMBER OF SEQ ID NOS: 126
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 110
                                                                                               1 MRQLNPCSQELQSPQQSYLQQPYPQNPYLPQRPFPVQQPFHTPQQYFPYLPEELFPQYQI
                                                                       1 MRQLNPCSQELQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQI
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   Length 158;
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                                      Indels
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US-10-739-930-9623
Query Match
100.0%; Score 906; DB 21;
Best Local Similarity 100.0%; Pred. No. 1.6e-63;
Matches 158; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 517.5; DB 31;
Pred. No. 7.4e-33;
8; Mismatches 19;
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66.2%;
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50.0%;
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Best Local Similarity 66.2;
Matches 102; Conservative
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; ORGANISM: Hordeum vulgare
US-10-508-263-110
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Best Local Similarity
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Sequence 101, Application US/10474955
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Frits
APPLICANT: Koning, Frits
APPLICANT: McAdam, Stephan N.
APPLICANT: MCADAM, STEPHAN STEPHA
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                                                                                                               3 QLAPCSOE--LQSPQQSYLQQPYPQAPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQI 60
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SGRUENCA INFORMATION:
APPLICANT: BASF Plant Science GmbH
TITLE OF INVENTION: Constructs and methods for regulating gene expression
FILE REFERENCE: 53265-20085.00
CURRENT APPLICATION NUMBER: US/10/508,263
CURRENT APPLICATION NUMBER: US/10/508,263
NUMBER OF SEQ ID NOS: 126
SOFTWARE: PatentIn Ver. 2.1
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            48; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    111 QPQQPFP--QQPQQIIFQQPQQS--YPVQPQQPFPQQPQPVPQQA---
37; Indels
Mismatches
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ORGANISM: Artificial Sequence
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97; Conservative
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US-10-508-263-111
Matches
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APPLICANT: Kovalic, David K.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FILE REFRENCE: 38-21 (53377) B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 9621
LENGTH: 298
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TITLE OF INVENTION: DQ BINDING PROLAMINE-DERIVED PEPTIDES FILE REFERENCE: 2799/71244-PCT-US CURRENT APPLICATION NUMBER: US/10/474,955 CURRENT FILING DATE: 2003-10-13 NUMBER OF SEQ ID NOS: 137 SOFTWARE: Patentin version 3.1. SEQ ID NO 98 LENGTH: 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22 QVDPSSQ-VQWPQ----QDPVPQ----PHQPFSQQ-----PQQTFP-
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US-10-739-930-9621
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                38.3%; Score 347; DB 33;
45.0%; Pred. No. 4e-19;
tive 11; Mismatches 24;
                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Amino acid sequence of GAMMA-2
                                                                                                                                                                                                                                                                                                                                                 Query Match

Best Local Similarity 45.0%; Pred. No. 3.7e-19;
Matches 86; Conservative 11; Mismatches 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 9621, Application US/10739930; GENERAL INFORMATION:
                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    86; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    151 ---ASCIWSMV 158
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Best Local Similarity
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US-10-739-930-9621
                                                                                                                                                                                                                                                                                                         US-10-474-955-98
                                                                                                                                                                                                                                                             FEATURE:
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CURRENT APPLICATION WIGHER: US/10-13
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin version 3.1
SEQ ID NO 97
LENGTH: 279
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GENERAL INFORMATION:
APPLICANT: Drijfhout, Jan W.
APPLICANT: Koning, Frits
APPLICANT: McAdam, Stephan N.
APPLICANT: Ludvig, Solphan Magne
TITLE OF INVENTION: METHODS AND MEANS FOR USE OF HLA-DQ RESTRICTED T-CELL RECEPTORS
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                                                                                                                                                                                                                                                                                     89 POOPPPO-POEPIP--QOPOOPPP--QOPOOPPPOOPQIIFQOPQOSYPVOPQOPPPQQ 143
                                                                                                                                                                                                                                                                                                                 70 PQQTYPQRPQQPFPQTQQPQQPFPQSQQPQQPFPQPQQQ--FPQPQ-----QPQQSFPQQ 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89 ÓÓLFPOSOOPOOGFSOPOOGFPOPOPOOGFPOOPOOPFIOPSLOOOVNPCKNFLLOOCKP 148
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                                                                                 Length 282;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 QVDPSSQ-VQWPQ----QQPVPQ----PQQPFSQQ-----PQQTFP---
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                                                                                                                                     Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                  123 QPSLIQQSLQQQLNPCKNFLLQQCKPVSLVSSLWSMI 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
38.3%; Score 347; DB 30;
Best Local Similarity 45.0%; Pred. No. 3.7e-19;
Matches 86; Conservative 11; Mismatches 24;
     ; OTHER INFORMATION: Amino acid sequence of GAMMA-1
US-10-474-955-101
                                                                                 Score 351; DB 30;
Pred. No. 1.8e-19;
10; Mismatches 31;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 97, Application US/10474955
GENERAL INFORMATION:
APPLICANT: Drijfhout, Jan W.
                                                                                   38.7%;
51.0%;
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                                                                                                                                     Conservative
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                                                                                                             Local Similarity
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US-10-474-955-98
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                                                                                      Query Match
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89 QOLFPQSQQPQQQFSQPQQQFPQPQQPPQQQPPFIQPSLQQQVNPCKNFLLQQCKL 148
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                                                                                                       63 PLOPOOPPOOPOPLPRPOOPFPWOPOOPPPOPEPIPOOPOOPPOOPPOOPPP--QOP 120
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3 QLNPCSQELQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPT 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          41 PQQPPQQPFPQSQQQCLQQPQQPPQQFPQQFPQRPLLPFTHPFLTFPDQLLPQPPHQSFP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 286;
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                                                4 ÓVDPSSÓ-VÓWPÓ----QÓPVPÓ----PHOPPSOÓ-----PÓQTFP
                                                                                                                                                                                                               121 QQII-----QPVPQQSY--PVQPQQPFPQQP----QPVPQQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 33.3%; Score 302; DB 15; Best Local Similarity 40.8%; Pred. No. 1.4e-15; Matches 78; Conservative 13; Mismatches 40;
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GENERAL INFORMATION:
APPLICANT: VARG, PIN
APPLICANT: CAMERON-MILLS, VERENA
APPLICANT: CAMERON-MILLS, VERENA
APPLICANT: SORENBEN, MIXAEL B.
TITLE OF INVENTION: 17 KDa FOAM PROTEIN
FILE REFERENCE: 11225.4US01
CURRENT APPLICATION NUMBER: US/09/146,703A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 23
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Vang, Pia
APPLICANT: Bech, Lene
TITLE OF INVENTION: 17 kDa FOAM PROTEIN
FILE REPERENCE: 11225, 40501
CURRENT APPLICATION NUMBER: US/09/146,703
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 16, Application US/09146703; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                         151 ---ASCIWSMV 158
                                                                                                                                                                                                                                                                                                                                                                             149 VSLVŠSLWSMI 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LENGTH: 286
; TYPE: PRT
; ORGANISM: Hordeum vulgare
US-09-146-703-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          148 PQQASCIWSMV 158
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US-09-146-703-16
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LENGTH: 286
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                                                                                            Sequence 99, Application US/10474955
GENERAL INFORMATION:
APPLICANT: Drijfhout, Jan W.
APPLICANT: Exphan N.
APPLICANT: Ludvig, Frits
APPLICANT: McAdam, Stephan N.
APPLICANT: Ludvig, Sollid Magne
TITLE OF INVENTION: WETHODS AND MEANS FOR USE OF HIA-DQ RESTRICTED T-CELL RECEPTORS //
TITLE OF INVENTION: WETHODS AND MEANS FOR USE OF HIA-DQ RESTRICTED T-CELL RECEPTORS //
TITLE OF INVENTION: WETHODS AND MEANS FOR USE OF HIA-DQ RESTRICTED T-CELL RECEPTORS //
TITLE OF INVENTION: DO BINDING PROLAMINE-DERIVED PEPTIDES
FILE REFERENCE: 2799/71244-PCT-US
CURRENT APPLICATION NUMBER: US/10/474,955
CURRENT FILING DATE: 2003-10-13
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 99
LENGTH: 279
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APPLICANT: McAning, Frits
APPLICANT: McAning, Frits
APPLICANT: McAning, Frits
APPLICANT: McAning, Frits
APPLICANT: Ludvig, Soliid Magne
TITLE OF INVENTION: MCTHOODS AND MEANS FOR USE OF HLA-DQ RESTRICTED T-CELL RECEPTORS
FILE REFERENCE: 2799/71244-PCT-US
FILE REFERENCE: 2799/71244-PCT-US
CURRENT APPLICANTION NUMBER: US/10/474,955
CURRENT PILING DATE: 2003-10-13
NUMBER OF SEQ ID NOS: 137
SSCFWARE: PALENTING NOS: 137
SSCFWARE: PALENTING DATE: 2003-10-13
LENGTH: 279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 36 --QPQQTFPHQPQQQFPQPQ----QPQQFLQPPQPFPQQPKQPYPQQPQDFPQTQQP 88
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          37.9%; Score 343; DB 30; Length 279;
44.5%; Pred. No. 7.7e-19;
tive 12; Mismatches 24; Indels 71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Amino acid sequence of GAMMA-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Amino acid sequence of GAMMA-4
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GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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US-10-474-955-100
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33.3%; Score 302; DB 20; Length 286
Best Local Similarity 40.8%; Pred. No. 1.4e-15;
Matches 78; Conservative 13; Mismatches 40; Indels
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33.3%; Score 302; DB 15;
Best Local Similarity 40.8%; Pred. No. 1.4e-15;
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APPLICANT: Bech, Lene M.
APPLICANT: Cameron-Mikael B.
TITLE OF INVENTION: 17 kDa FOAM PROTEIN
FILE REPERBORE: 1125.4 405.0.
CURRENT APPLICATION NUMBER: US/09/683,666
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 09/146,703
PRIOR PILING DATE: 1999-09-03
WUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin version 3.1
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; GENERAL INFORMATION:
APPLICANT: Vang, Pia
; APPLICANT: Bech, Lene
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APPLICANT: XOVALIC,
DAVIG K.
TITLE OF INVENTION: DULATE ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: DLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FILLE REFERENCE: 38-21(5337)'B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 9770
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US-10-739-930-9770
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Pred. No. 3.3e-15;
                                                                                                                                                                                                                                                                                                                            13; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         111 QPQQPFPQQPQIIFQQPQQSYPVQPQQPFP
TITLE OF INVENTION: 17 kDa FOAM PROTEIN FILE REFERENCE: 11225,40801 CURRENT APPLICATION NUMBER: US/09/146,703 CURRENT FILING DATE: 1998-09-03 NUMBER OF SEQ ID NOS: 25 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 18 LENGTH: 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9770, Application US/10739930; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              Query Match 32.8%;
Best Local Similarity 40.5%;
Matches 77; Conservative 1.
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ORGANISM: Triticum aestivum
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Best Local Similarity 32.18
-100 79; Conservative
                                                                                                                                                                                                             ; ORGANISM: Hordeum vulgare US-09-146-703-18
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Search completed: November 10, 2004, 19:41:52 Job time : 469 secs

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RESULT 2
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18446, A
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Sequence 18421, A	US-10-732-923-18427	φ	2429	14.6	132	45
15, App	PCT-US04-18902-15	Н	741	14.7	133	
748(US-10-732-923-7480	9	647	14.7	133.5	43
equence 18431	4	9	2156	14.8	134	42
equence 15968,	US-10-220-366A-15968	9	9	14.8	134	41
equence 18428,	US-10-732-923-18428	9	2441	14.9	135	40
equence 18452,	US-10-732-923-18452	9	2440	14.9	135	39
8855, A	US-10-732-923-8855	9	1731	14.9	135	38
10694,	US-10-732-923-10694	9	1136	14.9	135	37
	US-10-732-923-8854	9	3124	15.1	137	36
41,	US-10-959-539-41	œ	580	15.4	139.5	35
195	PCT-US04-14421-195	Н	2132	15.5	140.5	34
ednence	o	φ	505	15.6	141.5	33
equence 10,	US-10-952-459-10	ø	505	15.6	141.5	32
869	US-10-732-923-8692	w	2957	15.7	142	31
17,	PCT-US04-18902-17	,	832	15.7	142	30
8108	US-10-732-923-8108	9	3035	15.8	143	29
8107,	US-10-732-923-8107	φ	2999	15.8	143	28
Sequence 8146, Ap	US-10-732-923-8146	9	1651	15.8	143	27
155, A	PCT-US04-14421-155	Н	36946	15.9	144	26

ALIGNMENTS

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RESULT. 1

US.10.866-577A-55

SGEQUENCE 55, Application US/10868577A

GENERAL HFORMATION:

APPLICANT: Alical oet al.

APPLICANT: Alical oet al.

TILLE REPRENEUR: Alical oet al.

TILLE PREPAREM: Alical oet al.

PRIOR PELICANI MUNER: 108/046-04

PRIOR PELICANI NUNER: 108/04-06-14

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                                                                                                                                                                                                                                                                                                                 52 ------EELFPQYQIPTPLQPQ----QPFPQQPLPRPQQPFPWQP----QQPFP
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                                                                                                                                                              Length 1864;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Edgercon, Michael D
TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15/52796/C
CURRENT APPLICATION NUMBER: US/10/732,923
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
LENGTH: 728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 20.1%; Score 182; DB 6; Length 728; Best Local Similarity 36.6%; Pred. No. 3.2e-08; Matches 63; Conservative 10; Mismatches 65; Indels
                                                                                                                                                                                                   59; Indels
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                                                                                                                                                         ch 21.0%; Score 190.5; DB 6; 1 Similarity 28.5%; Pred. No. 1.7e-08; 69; Conservative 11; Mismatches 59;
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                                                                            ; TYPE: PRT
; ORGANISM: Burkholderia fungorum
US_10-732-923-2391
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 2391
LENGTH: 1864
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US-10-732-923-6679
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Best Local Similarity
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US-10-732-923-16091 Sequence 16091, Application US/10732923 GENERAL INFORMATION: APPLICANT: Edgerton, Michael D

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260 PPELLQPQIPQQQVHRHSASPQVHQAQLPQQPQRLPSANMSPPPPQPAQPPQQQQQHRH 319
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             202 SMAPTHGLPTQLHPQYPF--QPSQPPAHSMQQFEDQRRSPLPPTFVSQPPPHPAHRHSTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1003;
TITLE OF INVENTION: TRANSCENIC PLANTS WITH IMPROVED PHENOTYPES FILE REFERENCE: 38-15 (52796) C CURRENT APPLICATION WINBER: US/10/732,923 CURRENT FILING DATE: 2003-12-10 PRIOR APPLICATION NUMBER: 10/310,154 PRIOR FILING DATE: 2002-12-04 NUMBER OF SEQ ID NOS: 24149 SEQ ID NO 16091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Edgerton, Michael D
TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15(52796) C
CURRENT APPLICATION NUMBER: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 3319
LENGTH: 1003
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Sequence 10742, Application US/10732923

GENERAL INFORMATION:

A PPILICANT: EEGerton, Michael D

TITLE OF INVENTION:

FILE REFERENCE: 38-15(52796)C

CURRENT APPLICATION NUMBER: US/10/732,923
                                                                                                                                                                                                                                                                                                                    19.6%; Score 178; DB 6; Length 626; 29.7%; Pred. No. 5.8e-08;
                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             53 BLFPQYQIPTPLOPQOPFPQOPOQPLPRPQOPFPWQPQQPFP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18.8%; Score 170.5; DB 6; 46.7%; Pred. No. 4e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) ORGANISM: Kaposi's sarcoma-associated herpesvirus US-10-732-923-3319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    114 QPFPQQPQQIIFQQPQQSYPVQPQQPFPQQPQ 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ΕQQQDΕQQQDΕQQQDΕQEQQDEQQQDE 524
                                                                                                                                                                                                                                                                                                                                                                    15; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3319, Application US/10732923 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     126 QQPQ-QSYPVQPQQPFPQQPQP 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   320 OCCOPOSMPNONLOP-PAPPKP 340
                                                                                                                                                                                                                                           ORGANISM: Neurospora crassa
                                                                                                                                                                                                                                                                                                                                                                    60; Conservative
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Best Local Similarity
Matches 60; Conserv
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60 IPTPLQP-QQPFPQQPQP-------LDRPQQPFPWQPQQPGPFPQPQEDIPQQPQ 105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        373 QSAPPYMSSSKHQQAAAQLNSSPQXRAPFPQLSPQMSPRPPTMSPHP----QMSPRPVGV 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 QLNPCSQELQ---SPQQSYLQQPYPQNPYLPQKPPVQQPFHTPQQYFPYLPEELFPQY 59
                                                                                                                                                                                                                                                                                                         48 ----PYLPEELFPQ--YQIPTPLQPQQPFPQQPLPRP--QQPFPWQPQQPFPQPGFP 99
                                                                                                                                                                                                                                                                                                                                                                                        100 IPQQPQQPFPQQPFPQQPPTICQPPQQSYPVQPQQPPPQ-QPQP 146
                                                                                                                                                                                                                                                                                                                                                                                                                 429 SPAKPPPP-QQQQQQTQAQQPQQVSNQPSQ-HSIQGMVGLPSPRPQP 474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Edgerton, Michael D
TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REPERENCE: 38-15 (52736) C
CURRENT APPLICATION NUMBER: US/10/732,923
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                                                                                                                                                    Length 5322;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 155; DB 1;
Pred. No. 7.2e-06;
9; Mismatches 62,
                                                                                                                                                    17.2%; Score 156; DB 6; 32.1%; Pred. No. 3.8e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: CAENEPEEL, SEAN
APPLICANT: CAENEPEEL, SEAN
APPLICANT: CHARYCZAK, GLEN
APPLICANT: GLARYCZAK, GLEN
TITLE OF INVENTION: NOVEL KINASES
FILE REFERENCE: 034536-1454
CURRENT PEPLICATION NUMBER: PCT/US04/14421
CURRENT FILING DATE: 2004-05-07
PRIOR FILING DATE: 2003-05-09
NUMBER OF SEQ ID NOS: 239
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                              14; Mismatches
                                                                                                                                                                                                                                   9 QELQSPQQSYLQQPYPQNPYLPQKPFP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-USO4-14421-174; Sequence 174, Application PC/TUSO414421; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 8723, Application US/10732923
GENERAL INFORMATION:
                                                                                              ) ORGANISM: Drosophila melanogaster
US-10-732-923-8729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17.1%;
ilarity 35.5%;
Conservative
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 8729
LENGTH: 5322
                                                                                                                                                          Query Match
Best Local Similarity 32.1%
Matches 54; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Mus musculus
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Matches 59; Conserv
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                                                                               TYPE: PRT
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                                                                                                                                                                                                                                                                                                                 Indels 33; Gaps
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TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15(52796)C
CURRENT APPLICATION VIDER: US/10/732,923
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
                                                                                                                                                                                                    DB 6; Length 648;
                                                                                                                                                                                                                                            39; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17.3%; Score 156.5; DB 6;
32.9%; Pred. No. 1.2e-05;
tive 14; Mismatches 61;
                                                                                                                                                                                                                                                                                                                                                                                                172 Ρ-οφόιοφηνισφορούς σος 206
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                                                                                                                                                                                                      Score 163; DB 6
Pred. No. 1e-06;
7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8729, Application US/10732923 GENERAL INFORMATION:
  CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 10742
LENGTH: 648
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l Similarity 45.8%;
44; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  53; Conservative
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US-10-732-923-10742
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 53; Conserval
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Best Local Similarity
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US-10-973-858-8
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145 OF 146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                313 -SÓPPPPEPHÓHÓLPNGGKPLSMGPSGGÓPLÍ----PSSPWÓPÓVRGTLPGMPPGSÓVP 366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               317 -SQPPPPPPPHQHQLPNGGKPLSMGPSGGPLI----PSSPMQPQVRGTLPGMPPGSQVP 370
                                                                                                                                                                                                                                                                                 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45 Q------YPPYLPEELFPQYQIPTPLQPQQPFPQQPQQ---PLPRPQQPFPWQPQQP 92
                                                                                                                                                                                                                                                                                                            193 PISMOMOQALOAAQOOPPPGPPIGPPGAPGGPPPGSQHAGOPPVPPOOQOOOPPPSAGTPP
                                                                                                                                                                                                                                                                             ---- OKPFPVQQPFH----TPQ
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                                                                                                                                                                                           17.1%; Score 154.5; DB 6; Length 1634; llarity 31.9%; Pred. No. 1.4e-05; Conservative 9; Mismatches 68; Indels 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     47;
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Pred. No. 1.4e-05;
9; Mismatches 68; Indels 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8722, Application US/10732923
GENERAL INFORMATION:
APPLICANT: Edgetron, Michael D
TITLE OF INVENTION: TRANSCENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15(52796)C
CURRENT APPLICATION NUMBER: US/10/732,923
CURRENT FILING DATE: 2003-12-10
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 8722
LENGTH: 1638
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CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
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                                                                                                                 ; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US:10-732-923-8723
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US-10-732-923-8722
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Best Local Similarity 31.9%;
Matches 58; Conservative
                                                       NUMBER OF SEQ ID NOS: 24149
SEQ ID NO 8723
                                                                                                                                                                                Query Match
Best Local Similarity
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Sequence 66, Application US/10510021
GENERAL INFORMATION:
APPLICANT: Old., Stewart
APPLICANT: Pym, Alexander S
APPLICANT: Brosch, Roland
APPLICANT: Brodin, Priscille
APPLICANT: Demangel, Caroline
APPLICANT: Demangel, Caroline
APPLICANT: Leclerc, Claude
ITILE OF INVENTION: Identification of virulence associated regions RDI and
ITILE OF INVENTION: Incitication of virulence associated regions RDI and
ITILE OF INVENTION: Incitication of virulence associated regions RDI and
ITILE OF INVENTION: Incitication of virulence associated regions RDI and
ITILE REFERENCE: D20217
CURRENT APPLICATION NUMBER: US/10/510,021
FILE REFERENCE: 2003-04-101
FRIOR APPLICATION NUMBER: EPT/IB03/01789
FRIOR APPLICATION NUMBER: EPT/IB03/01789
FRIOR PRILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
COFFURENT APPLICATION VONSER: PCT/IB03/01789
FRIOR PLILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        317 -SÓPPPPEPHQHÓLPNGGKPLSMGPSGGÓPLÍ-----PSSPMÓPÓVRGTLPGMPPGSÓVP 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  --QKPFPVQQPFH----TPQ 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           45 Q-----YFPYLPEBLFPQYQIPTPLQPQQPFPQQPQ---PLPRPQQPFPWQPQQP 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93 FPQPQEPIPQQPQQPFPQQPPPQQPPQQPIFQQPQQSYPVQPQ-----QPFPQQP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
GENERAL INFORMATION:
APPLICANT: EGGGETCON, Michael D
TITLE OF INVENTION: TRANSCENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15(52796)C
CURRENT APPLICATION NUMBER: US/110/732,923
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 666;
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16.9%; Score 153; DB 6; Length 666
Best Local Similarity 30.5%; Pred. No. 7.1e-06;
Matches 51; Conservative 12; Mismatches 74; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             68; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
17.1%; Score 154.5; DB 6;
Best Local Similarity 31.9%; Pred. No. 1.4e-05;
Matches 58; Conservative 9; Mismatches 68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Protein sequence Rv3876
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              --ATAGNDAARTÖOBARDARB--
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                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Drosophila melanogaster
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6 PCSQELOSPOQSYLQQPYPQNPYLPQXPFPV---QQPFHTPQQYFPYLPEELFPQYQIPT 62

RESULT 12 US-10-732-923-8724 , Sequence 8724, Application US/10732923

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50 LPE---ELEPPOYOIPTELOPPOPPEPOOPPOPPEPOOPPEPOOPPOPPEPOPPOPPIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    69 PFPQQP-----QQPLPRPQQPFPW-QPQQPFPQPQEPIPQQPQPFPQQPQPFPQQPQ 121
1 MRQLNP---CSQELQSPQ-----QSYLQOPYPQNPYLPQXPF--PVQQPFHTPQQYFPY 49
                                                                                             1 MEESNPNYDVNQRLQKPEGWPHVNEFHPSMMYPDD---PRRYFHNASTDPQHQPQQHPQQ
                                                                                                                                                                                                                                                                  RESULT 15
US-10-732-923-8754
US-10-732-923-8754
Sequence 8754, Application US/10732923
Sequence 8754, Application US/10732923
GENERAL INFORMATION:
APPLICANT: Edgerton, Michael D
TITLE OF INVENTION: TANAGENIC PLANTS WITH IMPROVED PHENOTYPES
FILE REFERENCE: 38-15(52796)C
CURRENT FILING NAMER: 10/10/732,923
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: 10/310,154
PRIOR FILING DATE: 2002-12-04
NUMBER OF SEQ ID NOS: 24149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          59; Indels 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 1534;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
16.8%; Score 152; DB 6;
Best Local Similarity 33.8%; Pred. No. 2.1e-05;
Matches 52; Conservative 19; Mismatches 59;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  105 QQPFPQQPFPQQPQIIFQQPQQSYPVQPQQ 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          118 STPMEGIMEVPV-KMPEYC----PETSOPVEPDR 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              completed: November 10, 2004, 19:42:07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-732-923-8754
                                                                                                                                                            122 QIIFQQPQQ 130
                                                                                                                                                                                       862 QSYY--PQQ 868
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Job time : 8 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MRQLNPCS----YLPQKPFPV- 36
                                                                                             103 PIAGPEPAPPKPPTPPMPIAGPEPAPPKPPTPPMPIAGPAPTPTESQLAPPRPTPQTPT 162
         52 PTSDDLSERFVSAPPPPPPPPPPPPPPPAGEPPSPEPAASKPPTP-----PM 102
                                                     63 PL---QPQQPFPQQPQQPL--PRPQQPFWQPQQPF----PQPQR-----PIPQQPQQP- 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          64;
                                                                                                                                           108 -FPQQPQQPFPQQPQQIIFQQPQQSYPVQPQQPFP-QQPQPVPQQAS 152
                                                                                                                                                                                163 GAPQOPESPAPHVPSHGP-HOPRRTAPAPPWAKWPIGEPPPAPSRPS 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ----QQPQ----QPQVFPYLPEELFPQYQIPTPL-----QPQQ----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/965,898
FILING DATE: 18-OCC-2004
CLASSIFICATION: CURKOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       58; Indels
                                                                                                                                                                                                                                                                                         Sequence 54, Application US/10965898

GENERAL INFORMATION:
APPLICANT: Lal, Preet;
Bandman, Olga
Hillman, Jennifer L.
Au-Young, Janice
Tang, Y. Tom
Yue, Henry
Shah, Purvi
Guegler, Karl J.
Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY PROTEINS
NUMBER OF SEQUENCES: 150
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: INCYTE PHARMACEUTICALS, INC. STREET: 3174 PORTER DRIVE CITY: PALO ALTO CSTATE: CALIFORNIA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
16.8%; Score 152; DB 6;
Best Local Similarity 27.5%; Pred. No. 1.1e-05;
Matches 52; Conservative 15; Mismatches 58;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/001,403
APPLICATION NUMBER: US/09/001,403
FILING DATE: 31-DEC-197
ATTONEY/ABOUT INFORMATION:
NAME: BILLINGS, LUCY J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0455 US
TELEPHONE: (650) 845-0555
TELEPHONE: (650) 845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LIBRARY: ADRENOTO9
CLONE: 2960079
SEQUENCE DESCRIPTION: SEQ ID NO: 54 :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 868 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                      RESULT 14
US-10-965-898-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-965-898-54
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Gaps

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Copyright (c) 1993 - 2004 Compugen Ltd.

OW protein - protein search, using sw model

Run on:

November 10, 2004, 19:13:39; Search time 38 Seconds

(without alignments)
275.743 Million cell updates/sec

Perfect score:

US-09-743-533-19

Sequence:

1 MROLMPCSOELOSPQQSYLQ.....PPPQQPQPVPQQASCIWSWV 158

Scoring table:
BLOSUM62
Gapop 10.0, Gapext 0.5

Searched:

478139 Seqs, 66318000 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum Match 100%

Listing first 45 summaries

Database:

I Ssued Patents AA:*

| Capi2_6/ptodata/1/iaa/6A_COMB.pep:*
| Capi2_6/ptodata/1/iaa/6A_COMB.pep:*
| Capi2_6/ptodata/1/iaa/6B_COMB.pep:*
| Capi2_6/ptodata/1/iaa/6B_COMB.pep:*
| Capi2_6/ptodata/1/iaa/BaCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	2,	2,	7	7	7	36 Sequence 232	51 Sequence 212	1 Sequence 910	equence 14,	84,	equence 74,	28	Sequence 104	44,	42	Sequence 142, App	50,	46,	, 60,	e 58,	equence 48,	e 40,	equence 52,	2,	e 62,	78,	Sequence 1, Appli
SUMMARIES	QI	-08-728-323A	-09-298-568-	-410-399-	-09-894-273-	08-991-30	-09-248-796A-23	-248-796A-2	-09-489-039A-91	-07-757-022B-1	-07-757-022B-8	-07-757-022B-7	-07-757-022B-5	-07-757-022B-1	7-757-022B-4	-07-757-022B-4	~	-07-757-022B-5	-07-757-022B-4	7-757-022B	-10-164-595-5	-07-757-022B-4	-07-757-022B-	-07-757-022B-5	-07-757-022B-	-07-757-022B-	US-10-164-595-78	-09-298-970A-
	DB	7	m	4	4	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4,	4	4	4,	4	4,	4
	Length	16	16	S	1162	ø	∞	LO.	LD.	4	02	m	04	74	27	31	\sim	31	32	32	32	35	36	36	40	40	1404	40
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2 RQLNPCSQE-LQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEEL-FPQYQ 59

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4333, Ap 2, Appli 1379, Ap 15097, A 17, Appli 17, Appli 18, Appli 16, Appli 16, Appli 14, Appli 1427, Appli 1427, Appli 1427, Appli 17, Appli 17, Appli 17, Appli 17, Appli			Gaps
Sequence Seq		ω ₀	1162;
៳៓៳៳៓៳៳៳៳៳៳៳៳៳៳៳៳៳៳៳៳ ៳		Kaposi S, DNA	Length
0.6 450 4 US-09-583-110-4333 0.5 1274 3 US-09-095-443-2 0.5 191 4 US-08-095-1379 0.3 1253 4 US-08-189-039A-12097 9.9 148 3 US-08-489-039A-12097 9.6 8991 4 US-09-744-128-16 9.1 1253 4 US-08-718-509-1 9.2 194 4 US-09-744-128-16 9.3 194 4 US-09-744-128-16 9.1 788 2 US-08-918-914-4 8.9 254 4 US-09-216-393B-126 8.9 132 4 US-09-216-393B-126 8.9 132 4 US-09-216-395A-1 8.8 320 4 US-09-248-796A-24758 8.7 1231 4 US-09-216-393B-17 8.8 12 4 US-09-216-393B-17	ALIGNMENTS	on US/08728323A Yuan Yuan Yuan Yuan Isidore S. Patrick S. Immediate Early Protein From Sarcoma-Associated Herpesvirn Sarcoma-Associated Herpesvirn Si 21 Encoding Same And Uses Thereg Si 21 Ext Sarcoma-Associated Herpesvirn S. 21 Ext Comparible C comparible C comparible FORM: PPC-DOS/MS-DOS FIN Release #1.0, Version #1.30 ND DATA: EX: US/08/728,323A ND MATION: BN P. SANATION: ND PARA INFORMATION: 10 S75/52268/JPW/MSC/SXX 11 POS25 ID NO: 2: ISTICS: o acids r	h Similarity 46.8%; Pred. No. 1.2e-17; 74; Conservative 10; Mismatches 51; I
20		SEGULT 1 Sequence 2, Application of Sequence 2, Application of Sequence 2, Application of Sequence 2, Application of Sequence 3, Application of Sequence 3, Application of Sequence 3, Applicant Change Applicant General Monder of TITLE OF INVENTION OF SEQUENCES COORESPONDENCE APPLICANTS New York STATE: New York STATE: New York STATE: New York STATE: New York COUNTRY: U.S.A. ZIP: 1036 COMPUTER READABLE FOR OPERATION TYPE: FIL COMPUTER: EMP OPERATION OF SOFTWARE: PATENT ON THE CURRENT APPLICATION NUMBER OF SEQUENCE O	Query Match Best Local Simila Matches 74; Co
<u>षेषा कलेल लेलेल ललेल चचचचचे च</u>		USECULAR PARA PARA PARA PARA PARA PARA PARA P	Que: Best Matt

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                                                                                                                                      60 ІРТРІОРООРЕРОО--РООРІРЯРООРЕРИФРООРЕРООРЕРООРЕРООР--РООР 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 RQLNPCSQE-LQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEEL-FPQYQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 RQLNPCSQE-LQSPQGSYLQQPYPQNPYLPQXPFPVQQPFHTPQQYFPYLPEEL-FPQYQ
                              Gaps
                              23;
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Patent No. 5973225
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
PORCEDDU, ENRICO
APPLICANT:
APPLICANT:
CARDELLI, CINZIA
APPLICANTION:
TITLE OF INVENTION:
ENCODING A LOW MOLECULAR WEIGHT GLUTENIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                  116 FPQQ--PQQIIFQQPQQSYPVQ--PQQPFPQQPQPVPQ 149
                                                                                                                                                                                                                                           563 EPQQREPQQQ---REPQQREPQQREPQQREPQQRES9QQ 597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              116 FPQQ--PQQIIFQQPQQSYPVQ--PQQPFPQQPQPVPQ 149
Pred. No. 1.2e-17;
n. Mismatches 51;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29.0%; Score 262.5; DB 4; 46.8%; Pred. No. 1.2e-17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10; Mismatches 51;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) ORGANISM: Kaposi's sarcoma-associated herpesvirus US-09-894-273-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
        Best Local Similarity 46.8%; Pr
Matches 74; Conservative 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 46.8%
Matches 74; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1162
                                                                                                                                                                                                                                                                                                           RESULT 4
US-09-894-273-2
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US-08-991-300-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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8
                                                                                            60 IPTPLQPQQPFPQQ--PQQPLPRPQQPFPWQPQQPFPQPQFPIPQQPQQPFPQQ--PQQP 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60 IPTPLOPQOPFPQQ--PQQPLPRPQQPGPPQPQPPPQPQPPQPQPPQQPPQQP--PQQP-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   or Enhance the Binding of Viral DNA
                                                                                                                                                                                                                                                                                           APPLICANT: Kieff, Elliott D.
APPLICANT: Kieff, Elliott D.
APPLICANT: Ballestas, Mary E.
APPLICANT: Raylestas, Mary E.
APPLICANT: Kaye, Kenneth M.
TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO TITLE OF INVENTION: VIRUS DNA TO MEDIATE EFFICIENT EPISOME PERSISTENCE FILE REPERENCE: 16412-10001R
CURRENT APPLICATION NUMBER: US/09/298,568
CURRENT APPLICATION NUMBER: US/09/298,568
CURRENT APPLICATION NUMBER: US/09/298,568
CURRENT PILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-19
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 2.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 RQLNPCSQE-LQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEEL-FPQYQ 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 29.0%; Score 262.5; DB 3; Length 1162; Best Local Similarity 46.8%; Pred. No. 1.2e-17; Matches 74; Conservative 10; Mismatches 51; Indels 23;
                                                                                                                                  116 FPQQ--PQQIIFQQPQQSYPVQ--PQQPFPQQPQPVPQ 149
                                                                                                                                                          116 FPQQ--PQQIIFQQPQQSYPVQ--PQQPFPQQPQPVPQ 149
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7 TYPE: PRT
ORGANISM: Kaposi's sarcoma-associated herpesvirus
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TYPE: PRT
ORGANISM: Kaposi's sarcoma-associated herpesvirus
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Patent No. 6482587
GENERAL INFORMATION:
APPLICANT: Robertson, Erle S.
APPLICANT: Cotter, Murray A.
TITLE OF INVENTION: Methods to Inhibit or E.
FILE REPERENCE: UM-03778
CURRENT APPLICATION NUMBER: US/09/410,399
CURRENT FILING DATE: 1999-10-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                 Sequence 2, Application US/09298568
Patent No. 6322792
                                                                                                                                                                                                                                                 US-09-298-568-2
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DB 4; Length 1162;

29.0%; Score 262.5;

Query Match

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| JUNEAR AND LINE OF L
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ORGANISM: Candida albicans
FEATURE:
NAME/KEY: UNSURE
LOCATION: (250)
CITER INFRMATION: Identity of amino acid sequences at the above locations are unknow US-09-248-796A-21251
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Batent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
FRIOR APPLICATION NUMBER: US 60/117,747
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         63 PLODOCOPREDOCOPIARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACOPARACO
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                                                                                                                                                                                                                               12 GSPQQSYLQQPYYPQNPYLPQXP--FPVQQPFHTPQQYFPXLPEELFP---QYQIPTPLQP
                                                                                                                                                                                                                                                                                                          7 QDPREYFQPPPMPAMPAIPAIPVILPVQ--FQQPLNQOP-LFQOFQBPQQFQQPVPPQQ
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                                                                                                                      23;
Length 383;
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ch 24.3%; Score 220.5; DB 4;
1 Similarity 42.2%; Pred. No. 4.6e-14;
65; Conservative 13; Mismatches 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23.6%; Score 214; DB 4; 38.7%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 117 PQ-----QPQQIIFQQPQQSYPVQPQQPFPQQPQ 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           124 POPAPSPAPSPVPSPPAPRLLPLPTPPPPLOPE 157
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 21251, Application US/09248796A, Patent No. 6747137, GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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Best Local Similarity
Matches 63; Conserva
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US-09-489-039A-9101
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            Query Match
Best Local S:
Matches 65,
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Sequence 23236, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:
APPLICAMY: Keth Weinstock et al
APPLICAMY: Keth Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERBENCE: 107196.132
FILE REPERBENCE: 107196.132
FRIOR APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER: OF SEQ ID NOS: 28208

SEQ ID NO 23236

LENGTH: 383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 QINPCSQELQSPQQSYLQQP-----YPQNPYLPQK-----PFPVQQ--PF
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                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/991,300
FILING DATE: U-DEC-1997
CLASSIFICATION NUMBER: US/08/991,300
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UM 96/A 002663
PRIOR APPLICATION NUMBER: 2264-0201-0X
FILING DATE: 19-DEC-1996
ATTONEY AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 2264-0201-0X
TELEPRAX: 703-413-3000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 369 mind acids
LENGTH: 369 mind acids
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US-09-248-796A-23236
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                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: si
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Best Local S
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TYPE: 941 amino acids
TOPOLOGY: 11.7
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US-07-757-022B-84
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                                                                                                                                                                                                                                                                                                                                                                                         PQQPQQP---LEPRPQPPPWQPQ-QPFPQPQBPPQQPPPQQPPPQQPPPQQP--PQQII 124
                                                                                                                                                                                                                                                                                                                              155 PHAAPQPGWQQPQPAQP-PVQPQHQPQPVVQQPVAPQPVTPTVAQPQPAAPQQPAA 213
                                                                                                                                                                                                                                                                                                      12 QSPQQSYLQQPYPQNPYLPQKP-FPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQFF 70
                                                                                                                                                                                                            Query Match 23.1%; Score 209; DB 4; Length 255; Best Local Similarity 42.0%; Pred. No. 3.9e-13; Matches 60; Conservative 11; Mismatches 46; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/07757022B
Patent No. 6433142
GENERAL INFORMATION:
APPLICANT: Gener, Thomas G.
APPLICANT: Clark, Stephen C.
APPLICANT: Turner, Katherine
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 19910910
CLASSIFICATION: 530
PRICA APPLICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-JAN-1991
PRICA PAPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-UN-1990
PRICA APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRICA APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/390,901
FILING DATE: 08-AUG-198
ATTORNEY/AGENT INFORMATION:
NAMB: CSETY, LUARN
REGISTRATION NUMBER: 31,822
REFERNEC/DOCKET NUMBER: GI 5190
TELEPHONE: (617)876-1170
TELEPHONE: (617)876-1170
TELEPHONE: (617)876-1170
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUTIWARE: ELECTION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    125 FQQP--QOSYPVQPQQPFPQQPQ 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            214 ASÓPAIAEPOPVEPOOPAAPOPK 236
                                                                                                                      ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-9101
                          PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 9101
LENGTH: 255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Massachusetts
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    02140
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US-07-757-022B-14
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195 KEPAPITIKEPAPITIPKEP-APITIKEPAPITIKSAPITPKE-----PAPITPKKPAP 246
                                                                                                                                                                                                                                                                                                                                    72 QQPQQPLP-RPQQPFPWQPQQPFPQPQBPIPQQPPGQPFPQQPPGQPFPQQPQQIIFQQPQQ 130
                                                                                                                                                                                                                                                                                                                                                                           247 TIPKEPAPITPKEPTPITPKEPAPITKEPAPITPKEPAPITPKEPAPITPKEPAPITPKEPAPITPKE 306
                                                                                                                                                                                                                          12 QSPQQSYLQQPYPQNPYLPQQFFFTVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQPFP 71
                                                                                                   Query Match 22.5%; Score 204; DB 4; Length 941;
Best Local Similarity 30.2%; Pred. No. 5.1e-12;
Matches 42; Conservative 28; Mismatches 59; Indels 10; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 84, Application US/07757022B
Patent No. 6433142
GENERAL INFORMATION:
APPLICANT: Gesner, Thomas G.
APPLICANT: Turner, Retherine
APPLICANT: Turner, Ratherine
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION 530
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 18-JAM-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-UTM-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/497,196
FILING DATE: 08-AUG-1989
ATTORNEY/AGENT: 1NFORMATION:
NUMBER: US 07/390,901
FILING DATE: 08-AUG-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Genetics institute, Inc. STREET: 87 CambridgePark Drive CITY: Cambridge STATE: Massachusetts
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    131 SYPVQPQQPFPQQP-QPVP 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          307 PAPITIKEPSPITPKEPAP 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Cserr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: GI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617)876-5851
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (617)876-1170
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TOPOLOGY: linear MOLECULE TYPE: protein
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72 QQPQQPLP-RPQQPFPWQPQQPFPQPQEPIPQQPQPFFPQQPFPQQPFPQQPFQQIIFQQPQQ 130
                                                                                                                                                                                                                                   260 KEPAPITIKEPAPITIPKEP-APITIKEPAPITITKSAPITPKE------PAPITPKKPAP 311
                                                                                                                                                                                                                                                                                                                                         12 OSPQQSYLQQPYPQNPYLPQXPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQPFP 71
                                                                                                                      10;
                                                 Query Match 22.5%; Score 204; DB 4; Length 1038; Best Local Similarity 30.2%; Pred. No. 5.7e-12; Matches 42; Conservative 28; Mismatches 59; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-07-757-022B-58

Sequence 58, Application US/07757022B

Sequence 58, Application US/07757022B

GENERAL INFORMATION:
APPLICANT: Gesner, Thomas G.
APPLICANT: Clark, Stephen C.
APPLICANT: Hewick, Redherine
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors;
NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:
ADDRESSER: Genetics Institute, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION 530
PRIOR APPLICATION 530
PRIOR APPLICATION TO 57643,502
FILING DATE: 18-JAN-1991
PRICR APPLICATION NUMBER: US 07/546,114
APPLICATION NUMBER: US 07/546,114
APPLICATION NUMBER: US 07/546,114
APPLICATION NUMBER: US 07/546,114
APPLICATION NUMBER: US 07/457,196
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING APPLICATION NUMBER: US 07/390,901
FILING APPLICATION NUMBER: US 07/390,901
FILING DATE: 29-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: CSETT, LUANN
REFERENCE/DOCKET NUMBER: 31,822
REFERENCE/DOCKET NUMBER: GI 5190
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION TOWNER: GI 5190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Genetics Institute, Inc.
87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                  131 SYPVQPQQPFPQQP-QPVP 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                372 PAPTITKEPSPITPKEPAP 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , MOLECULE TYPE: protein US-07-757-022B-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 02140
US-07-757-022B-74
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CITY: Ca
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                                                                                                                                                                                                                                                                                                                                                                          72 QQPQQPLP-RPQQPFPWQPQQPFPQDPEPIPQQPGPFPQQPFPQQPFPQQPQQIIFQQPQ0 130
                                                                                                                                                                                                                                                                                                                                                                                                                 12 OSPQOSYLQOPYPQNPYLPQKPFPVQOPFHTPQOXFPYLPEELFPQYQIPTPLQPQOPFP 71
                                                                                                                                                                                           Gaps
                                                                                                                                                                                        59; Indels 10;
                                                                                                                      Query Match
22.5%; Score 204; DB 4; Length 1022;
Best Local Similarity 30.2%; Pred. No. 5.6e-12;
Matches 42; Conservative 28; Mismatches 59; Indels 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 11
US-07-5022B-74
| US-07-557-022B-74
| Sequence 74, Application US/07757022B
| Patent No. 6433142
| GENERAL INFORMATION:
| APPLICANT: Clark, Stephen C. APPLICANT: Turner, Katherine
| APPLICANT: Turner, Katherine
| APPLICANT: Hurner, Katherine
| APPLICANT: Hurner, Katherine
| APPLICANT: Hurner, Katherine
| APPLICANT: Hurner, Rapararyocyte Stimulating Factors
| NUMBER OF SEQUENCES: 143
| CORRESPONDENCE ANDRESS:
| ADDRESSEE: Genetics Institute, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSER: Generics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: CambridgePark Drive
CITY: Cambridge
STATE: 0.214

ZITP: 0.214

CONFUTEX: U.S.A.

ZIP: 0.214

COMPUTER: EAAABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IB PC Compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
GURSERTA APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFFICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-04N-1991
PRILING DATE: 29-DEC-1899
FILING DATE: 18-08-MG-1989
APPLICATION NUMBER: US 07/390,901
FILING DATE: 19-MATA:
APPLICATION NUMBER: US 07/390,901
FILING DATE: 29-DEC-1899
FILING DATE: 18-MATION NUMBER: US 07/390,901
FILING DATE: 18-MATION NUMBER: US 07/390,901
FILING DATE: 08-MG-1989
ATTORNEY/AGENT INFORMATION:
NAME: CSETY, LUARN
REGISTRATION NUMBER: 31,822
REPERENCE/DOCKET NUMBER: 31,823
RELECOMMUNICATION INPORMATION:
TELESCOMMUNICATION INPORMATION:
TELESCOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       131 SYPVQPQOPFPQQP-OPVP 148
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
TOPOLOGY: linear MOLECULE TYPE: protein
                                                 ; MOLECULE TYPE
US-07-757-022B-84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: AM TOPOLOGY:
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Conservative
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US-07-757-022B-44
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              42;
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            Matches
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                                                                                                                                                                                          임
                                                                                                                                                                                     72 QOPQOPLP-RPQOPFPWOPQOPFPQPQEPIPQOPFPQQPFPQQPFPQQPFQQIIFQQPQQ 130
                                                                                                                                                                                                                          303 KEPAPTITKEPAPTIPKEP-APTITKEPAPTITKSAPTIPKE------PAPTIPKKPAP 354
                                                                                               12 QSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQPFP 71
                                                        Gaps
Query Match 22.5%; Score 204; DB 4; Length 1049; Best Local Similarity 30.2%; Pred. No. 5.8e-12; Matches 42; Conservative 28; Mismatches 59; Indels 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Megakaryocyte Stimulating Factors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION DATA:
FILING DATE: 19-DEC-1989
PRIOR APPLICATION NUMBER: US 07/390,901
FILING DATE: 08-AUG-1989
ATORNEY/AGENT INFORMATION:
NAME: CSETF, LUADAN
RESTERNACE/DOCKET NUMBER: GI 5190
TELEPHONE: (617)876-1170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gesner, Thomas G.
APPLICANT: Clark, Stephen C.
APPLICANT: Turner, Kstherine
APPLICANT: Turner, Kscherine
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimu
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: O2140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIAL
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 104, Application US/07757022B Patent No. 6433142 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                   131 SYPVOPOOPFPOOP-OPVP 148
                                                                                                                                                                                                                                                                                                                            415 PAPTTTKEPSPTTPKEPAP 433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (617)876-1170
TELEFAX: (617)876-5851
INFORMATION FOR SEQ ID NO: 104:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 1140 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-757-0228-104
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Best Local Similarity
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US-07-757-022B-104
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Length 1140;

Score 204; DB 4; Pred. No. 6.4e-12;

30.2%;

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394 KEPAPITIKEPAPITPKEP-APITIKEPAPITIKSAPITPKE------PAPITPKRPAP 445
                                                                                                                                                               72 QQPQQPLP-RPQQPFPWQPQQPFPQPQEPIPQQPPGQPFPQQPPQQPPQQPQQIIFQQPQQ 130
                                                                                                                                                                                                |::| | | |::| | | ::| | | |::| | | |::| | | |::| | | |::| | | |::| | | |::| | | |::| | | |::| | |::| | |::| |
                                                     12 QSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQPFP
10; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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  59; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Gesner, Thomas G.
APPLICANT: Tolark, Stephen C.
APPLICANT: Turner, Xatherine
APPLICANT: Turner, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: TBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/757,022B
FILING DATE: 19910910
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/643,502
FILING DATE: 18-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-JUN-1990
PRIOR APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-DEC-1989
PRIOR APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION NUMBER: US 07/390,901
FILING DATE: 08-AUG-1989
ATTONING ADATE: US 07/390,901
FILING DATE: US 07/390,901
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Genetics Institute, Inc. STREET: 87 CambridgePark Drive CITY: Cambridge STATE: Massachusetts COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 44, Application US/07757022B
Patent No. 6433142
                                                                                                                                                                                                                                                                          131 SYPVOPOOPFPOOP-OPVP 148
                                                                                                                                                                                                                                                                                                                                  506 PAPTTTKEPSPTTPKEPAP 524
  28;
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ER: GI
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REGISSTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: GI
TELECOMMUNICATION:
TELEPHONE: (617)876-1170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 44:
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AMINO ACID
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72 QQPQQPLP-RPQQPFPWQPQQPFPQPQEPIPQQPRPQQPQQPPQQPPQQPPQQDIFGQPQQ 130
                                                                                                                                         312 TIPKEPAPTIPKEPAPTIPKEPAPTIKEPAPTIPKEPAPTAPKKPAPTIPKE 371
                                                      260 KEPAPITIKEPAPITPKEP-APITIKEPAPITIKSAPITPKE-----PAPITPKKPAP 311
12 OSPOQSYLQOPYPONPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQPQQPFP 71
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Best Local Similarity 30.2%; Pred. No. 7.4e-12;
Matches 42; Conservative 28; Mismatches 59; Indels 10; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gesner, Thomas G.
APPLICANT: Clark, Stephen C.
APPLICANT: Turner, Katherine
APPLICANT: Hewick, Rodney M.
IITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
ADDRESSES: Genetics Institute, Inc.
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WEDLUM TYPE: Bloppy disk
COMPUTER: IBM PC compatible
SECTION TYPE: Breath PC compatible
COMPUTER: IBM PC compatible
SECTION DATE: Breath NOT 157,022B
FILING DATE: 19910910
CLASSIFICATION NUMBER: US 07/643,502
PRIOR APPLICATION NUMBER: US 07/646,114
FILING DATE: 19910910
PRIOR APPLICATION NUMBER: US 07/546,114
FILING DATE: 29-UM-1990
PRIOR APPLICATION NUMBER: US 07/457,196
FILING DATE: 29-DEC-1989
PRIOR APPLICATION NUMBER: US 07/390,901
FILING DATE: 29-DEC-1989
ATTORNEY AGENT INFORMATION:
NAMM: CREAT: LUMBER: GI 5190
TELECOMMUNICATION NUMBER: GI 5190
TELECOMMUNICATION NUMBER: GI 5190
TELECOMMUNICATION NUMBER: GI 5190
TELEPHONE: (617)876-1170
TELEPHONE: (617)876-1170
TELEPHONE: (617)876-5851
INFORMATION FOR SED ID NO: 42:
SEQUENCE CHARACTERISTICS:
FURNATION FOR SED ID NO: 42:
SEQUENCE CHARACTERISTICS:
FURNATION TAIL AND ACIDES
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STREET: 87 CambridgePark Drive
CITY: Cambridge
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42, Application US/07757022B Patent No. 6433142
GENERAL INFORMATION:
                                                                                                                                                                                                                      131 SYPVQPQQPFPQQP-QPVP 148
                                                                                                                                                                                                                                                                       372 PAPTITKEPSPITPKEPAP 390
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AMINO ACID
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STATE: Massachusetts
COUNTRY: U.S.A.
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US-07-757-022B-42
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12 QSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQXFPYLPEBLFPQYQIPTPLQPQQPFP 71 : | | : | | : | | : | | : | | : | | | | | | | | | |

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Db 301 KEPAPTTTKEPAPTTTKEPAPTTTKSPAPTTTKSAPTTFKEAPT 352

Oy 72 QOPQOPLP-RPQOPFWQPORPFQPEPTTPKEPAPTTTKSAPTTPKEAP 352

Db 353 TTPKEPAPTTFKEPAPTTKEPAPTTFKEPAPTTPKEPAPTTPKEFAPTTPKE 412

Oy 131 SYPVOPQOPFPQOP-QPVP 148

Db 413 PAPTTTKEPSPAPTTPKEPAP 431

Search completed: November 10, 2004, 19:33:58

Job time: 46 secs
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Fri Nov 12 16:26:52 2004
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November 10, 2004, 19:33:40; Search time 141 Seconds (without alignments) 395.813 Million cell updates/sec
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906
1 MRQLNPCSQELQSPQQSYLQ......PFPQQPPVPQQASCIWSMV 158
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1566620 segs, 353225886 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Published Applications AA:*
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                        protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
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                                                                                                                                                                                                                                                                                                                           Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 9623, Ap	Sequence 9621, Ap	Sequence 9770, Ap	Sequence 2, Appli	Sequence 2, Appli	Sequence 75147, A	Sequence 75965, A	Sequence 14009, A	Sequence 9619, Ap	Sequence 9777, Ap	Sequence 208032,	Sequence 10, Appl	Sequence 824, App
	ID	US-10-739-930-9623	US-10-739-930-9621	US-10-739-930-9770	US-09-894-273-2	US-10-294-804-2	US-10-282-122A-75147	US-10-282-122A-75965	US-09-815-242-14009	US-10-739-930-9619	US-10-739-930-9777	US-10-425-115-208032	US-09-789-054A-10	US-10-374-780A-824
	DB	17	17	17	11	14	15	15	σ	17	17	17	თ	15
	ore Match Length DB I	327	298	298	1162	1162	1351	1343	1362	319	287	309	296	296
%	Match	45.5	38.3	29.8	29.0	29.0	27.2	27.0	27.0	26.1	25.8	24.6	24.5	24.5
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Seguence 126258,	Sequence 10, Appl	Seguence 208027,	Seguence 10112, A	Sequence 56499, A	Seguence 233052,	equence 9782	4284	233	Sequence 14, Appl	equence 84,	equence 74,	equence 58,	edneuc	Sequence 44, Appl	Sequence 42, Appl	Sequence 142, App	Sequence 50, Appl	Seguence 46, Appl	Sequence 60, Appl	Seguence 48, Appl	Seguence 40, Appl	Sequence 52, Appl	Sequence 30, Appl	Sequence 1, Appli	Sequence 2, Appli	Sequence 62, Appl	Sequence 270450,	edneuc	Seguence 184014,	Sequence 208030,	Sequence 59113, A
.6 US-10-437-963-126258	.6 US-10-628-969-10	.7 US-10-425-115-208027	US-09-815-242-10112	US-10-282-122A-56	US-10-425-115-23305	US-10-739-930-978	US-10-767-701-428	.7 US-10-425-115-233050	.3 US-10-124-557-14	.3 US-10-124-557-84	.3 US-10-124-557-74	.3 US-10-124-557-58	.3 US-10-124-557-104	.3 US-10-124-557-44	l3 US-10-124-557-42	13 US-10-124-557-142	13 US-10-124-557-50	l3 US-10-124-557-46	13 US-10-124-557-60	l3 US-10-124-557-48	13 US-10-124-557-40	m	9 US-09-802-207-30	м	ന	3 US-10-124-557-	5 US-10-424-599	5 US-10-425-114-	6 US-10-437-963-18401	US-10-425-115-	-
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14	15	16	17	18	19	20	21	22	23	24	. 55	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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Sequence 9623, Application US/10739930
| Publication No. US20040216190A1
| GENERAL INFORMATION:
| APPLICANT: KOVALIC, David K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: KOVALIC, DAVID K. | APPLICANT: ROLECULES AND USES THEREOF FOR PLANT IMPROVEMENT FILING OF INVENTION NUMBER: US/10/739,930 | CURRENT FILING DATE: 2003-12-18 | NUMBER OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 11088 | ENDIRECT FILING DATE: APPLICANT OF SEQ ID NOS: 
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45.5%; Score 412; DB 17; Length 327;
Best Local Similarity 50.0%; Pred. No. 4.4e-24;
Matches 97; Conservative 12; Mismatches 37; Indels 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
; OTHER INFORMATION: Clone ID: TRIAE-23APR03-C125_84.p
US-10-739-930-9623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Triticum aestivum
US-10-739-930-9623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , ORGANISM: Kaposi's sarcoma-associated herpesvirus US-09-894-273-2
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Best Local Similarity
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LENGTH: 1162
TYPE: PRT
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US-10-739-30-9770
Sequence 9770, Application US/10739930
Fublication No. US20040216190A1
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REPERENCE: 38-21(53377)8
CURRENT APPLICATION:
FILE REPERENCE: 38-21(53377)8
CURRENT FILING DATE: 2003-12-18
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 9770
FILE REPERENCE: 2003-12-18
CURRENT FILING DATE: 2003-12-18
CURRENT FILING DATE: 2003-12-18
CURRENT FILING DATE: 2003-12-18
CURRENT PAPLICATION NUMBER: 2003-12-18
                                                                                                                                                                                                                                                                   APPLICANT: KOVALIC, DAVID K.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: PLANTS AND UBSES THEREOF FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53377) B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 9621
LENGTH: 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           107 QQLFPQSQQPQQQFSQPQQQFPQPQQPSFPQQQPPFIQPSLQQQVNPCKNFLLQQCKP 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         54 --QPQQTFPHQPQQQFPQPQPFPQPQPFLQPQQPFLQPQQPFQPQPQPPQQPYPQQPQPFPQTQQP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22 QVDPSSQ-VQWPQ----QQPVPQ----PHQPFSQQ-----PQQTFP-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        63 РІОРООРЕРООРОРЕРЕРООРЕРИОРООРЕРИОРОРЕРІРООРОРЕРІРООРОРЕР--00Р
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 QLNPCSQELQSPQQS----YLQQPYP--QNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQ
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Best Local Similarity 32.1%; Pred. No. 3.2e-13;
Matches 79; Conservative 16; Mismatches 43; Indels 108; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 38.3%; Score 347; DB 17; Length 298; Best Local Similarity 45.0%; Pred. No. 4e-19; Matches 86; Conservative 11; Mismatches 24; Indels 74
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US-10-739-930-9770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Clone ID: TRIAE-23APR03-C125_65.p
US-10-739-930-9621
                                                                                                                                                                                          ; Sequence 9621, Application US/10739930
; Publication No. US20040216190A1
; GENERAL INFORMATION:
-----SCIWSMV 158
                                                     192 CKPASLVSSLWSII 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Triticum aestivum
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152
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JULION OF THE APPLICATION TO SEQUENCE 2, Application US/09894273;
Publication No. US20040037847A1
GENERAL INFORMATION:
GENERAL INFORMATION:
JAPLICANT: Kieff, Elliott D.
APPLICANT: Kaye, Kenneth M.
TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO TITLE OF INVENTION: HADINO VIRUS DAA TO MEDIATE BFFICIENT EPISONE PERSISTENCE TIER REFERENCE: 16412-10001R
CURRENT APPLICATION NUMBER: US/09/894,273
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: US 60/109,422
PRIOR APPLICATION NUMBER: US 60/109,422
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
60 IPTPLQPQQPFPQQ--PQQPLPRPQQPFPWQPQQPFPQPQEPIPQQPPQQPFPQQ--PQQP 115
                                                                                                                                                                                                                                                                                                                                                                                                    138 ILQQILQQQLIPCRDVVLQQHSIAHGSSQVLQQSTYQLVQQFCCQQLWQIPEQSRCQAIH 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ----FPQQPQQPFPQQP-QQIIFQQPQQSYP----VQPQQPFPQ----Q 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         198 NVVHAIILHQQHHHHQQQQQQQQQQQPLSQVSFQQPQQQYPSGQGFFQPSQQNPQAQGSFQ 257
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Eublication No. US200301339481

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: Genomic Host DNA
TITLE DO INVENTION: to Genomic Host DNA
TITLE DO TINTENTION: 10 Genomic Host DNA
TILLE REPERRICE: US/10/294,804
CURRENT APPLICATION NUMBER: US/10/294,804
PRIOR APPLICATION NUMBER: US/09/410,399
PRIOR FILING DATE: 1999-10-01
NUMBER OF SEQ ID NOS: 6
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TITLE OF INVEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PILLING DATE: 2000-05-23
PRIOR PILLING DATE: 2000-05-23
PRIOR PILLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PAPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILLING DATE: 2000-10-20
PRIOR PILLING DATE: 2000-11-27
PRIOR PILLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILLING DATE: 2000-12-22
PRIOR PILLING DATE: 2001-12-22
PRIOR PILLING DATE: 2001-02-22
PRIOR PILLING DATE: 2001-02-20
PRIOR PILLING DATE: 2001-02-20
PRIOR PILLING DATE: 2001-02-20
PRIOR PILLING DATE: 2001-02-20
PRIOR PILLING DATE: 2001-02-30
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PILLING DATE: 2001-02-30
PRIOR APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                          2 ROLINPCSOE-LOSPOGSYLOOPYPONPYLPOKPFPVOOPFHTPOOYFPYLPEEL-FPOYO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FLIG REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                               23;
                                                                                                                                                                                                             Query Match
29.0%; Score 262.5; DB 14; Length 1162;
Best Local Similarity 46.8%; Pred. No. 4.2e-12;
Matches 74; Conservative 10; Mismatches 51; Indels 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            116 FPQQ--PQQIIFQQPQGSYPVQ--PQQPFPQQPQPVPQ 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        563 ЕРООКЕРОО---КЕРООКЕРООКЕРООКЕРООКЕРОО
                                                                                         TYPE: PRT ; ORGANISM: Kaposi's sarcoma-associated herpesvirus US-10-294-804-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 75147, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION WINBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
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US-10-282-122A-75147
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Zamudio, Carios
Malone, Cheryl
Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
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Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 2
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729 VAPQPQPQYQQPQQ---PVAPQ----PQYQQPQQPVAP-QPQYQQPQQPVAPQPQYQ---QP 779
                                                                                                                                                                                    90 QQPF-PQPQEPIPQQPQPFP--QQPQQPFPQQPQQIIFQQPQQSYPVQPQQPFPPQQPPQP 146
                                                                                                                                                                                                             780 QQPVAPQPQYQQPQQPVAPQPQPVAPQPQ---YQQPQQ--PVAPQPQPQQPQ99834
                                                                                       570 RÓFAASQQQRYSGEQPAGAQPFSLDDLDFSPMKVLVDEGPHEPLFTPGVMPEST-PVQQP 728
                                                                                                                       40 -----FHTPQQYFPYLPEELFPQYQIP-TPLQPQQPFPQQPPC-PRPQQPPWQP 89
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                             50;
DB 15; Length 1351; 9e-11;
                             49; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 15;
Query Match 27.2%; Score 246; DB Best Local Similarity 41.0%; Pred. No. 9e-1. Matches 77; Conservative 12; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     27.0%; Score 244.5;
                                                             2 ROLNPCSQELQSPQQSYLQQPY-----
                                                                                                                                                                                                                                                                                                                                                       Sequence 75965, Application US/10282122A Bublication No. US20040029129A1 GENERAL INCOMPATION:
APPLICANT: Wang, Liangsu APPLICANT: Zamudio, Carlos APPLICANT: Applicant: Mandio, Cheryl APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Salmonella typhi
US-10-282-122A-75965
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726 VAPQPQYQQPVAPQ----QPQYQQPQQPVASQPQXQQPQQPVAPQPQYQ----QPQQDVAPQP 779
                                                                                                                                                                                                                                                                                                                                                                       97 QEPIPOQPOOPFP--QOPQQPFPQQPQQIIFQQPQSXPVQPQQPFPQQPFVPQQASCI 154
                                                                                                                                                                                                                                                                                                                                                                                                                  667 ROFAASOOORYSGEOPAGAOPPSLDDLDFSPMKVLVDEGPHEPLFTPGVMPEST-PVQOP 725
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                                                                                                                                                                                                                                             96
                                                                                                                                                                                                                                         40 F-HTPQQYFPYLPEELFPQYQIPTPLQPQQPFPQQPQPL-PRPQQPFPWQPQQPF-PQP
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                                       39;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hasaback, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Trawick, John D.
APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamancto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Identification of Essential
FILE REFERENCE: ELITRA.011A
CURRENT PELLON WHOBER: 60/191, 078
FILE REFERENCE: ELITRA.011A
CURRENT PELLING DATE: 2000-05-23
PRIOR PILLING DATE: 2000-05-23
PRIOR PILLING DATE: 2000-05-26
PRIOR PILLING DATE: 2000-10-23
PRIOR PILLING DATE: 2000-11-27
PRIOR FILLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257, 931
PRIOR FILLING DATE: 2000-11-27
PRIOR PILLING DATE: 2000-11-27
Best Local Similarity 41.1%; Pred. No. 1.2e-10;
Matches 74; Conservative 10; Mismatches 57; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14009
LENGTH: 1362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 14009, Application US/09815242 Patent No. US20020061569A1
                                                                                                        2 ROLNPCSOELQSPOOSYLQQPY---
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Best Local Similarity 41.15
Matches 74; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; CCALLON: (1)...(1362)
; OTHER INFORMATION: Xaa
US-09-815-242-14009
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NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-815-242-14009
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Sequence 9619, Application US/10739930
Publication No. US20040216190A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
TITLE OF INVENTION: NUCLEIC AND USES THEREOF FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53377)B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
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SPELICANT: KOVALIC,

DAVID KANDER AND OTHER MOLECULES ASSOCIATED WITH

TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT

TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT

TITLE OF INVENTION: 18-21/33377)

CURRENT APPLICATION NUMBER: 20/3-12-18

SEQ ID NO 9777

LENGTH: 287
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99 QYQQPQADAQQPQADQADADQPQ---YQQPQQ---PVAPQPQYQQPQQPTAPQDSLI 853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 140 ILQQILQQQLİPCRDVVLQQHNIAHASSQVLQQSTYQLLQQLCCQQLLQIPEQSRCQAIH 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27 QLQPQNPSQQQPQEQVPLVQQQQFPGQQQQFPPQQPYPQPQPFPSQQ---PYLQLQPFPQ 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 OTNECSOETOSPOOS---ALOOPYP--QNPYLPOKPFPVQOPFHTPQOXFPYLPEELFPQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 26.1%; Score 236.5; DB 17; Length 319; Local Similarity 29.1%; Pred. No. 1.3e-10; nes 77; Conservative 13; Mismatches 52; Indels 123;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         58 YOLPIPLOPQOPPPQ----QPQQPLPRPQQPFPWQPQPPPQ----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
OCTION: Clone ID: TRIAE-23APR03-C176_238.p
US-10-739-930-9777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Clone ID: TRIAE-23APR03-C125_59.p
US-10-739-930-9619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       260 VSFQPSQLNPQAQGSVQPQQLPQFA 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9777, Application US/10739930 Publication No. US20040216190A1
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    96 ----PQEPIP----
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                                                                                              RESULT 9
US-10-739-930-9619
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LENGTH: 319
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 PCSQELQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQ 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66 POOPF-POOPOOPLPRPO-OPFPWOPQOPFOP---QE-IPQ--QPQPPPQOPFP
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APPLICANT: Dubell III, Arnold T
APPLICANT: Dubel Omalra
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REPERENCE: MSI-0047 CIP
CURRENT APPLICATION NUMBER: US/10/374,780A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         143 РКЕРЕРЕАОООТО-ОРРОРОГИРОРООРГОРОГОГИ-РО
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Score 222; DB 9;
;; Pred. No. 1.6e-09;
10; Mismatches 52,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                118 QQPQQIIFQQPQQSYPVQPQQPFPQQPQP 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                249 ІОІОЗОІНРОРОООРРОІОРОРОІНООРОР 277
PRIOR APPLICATION NUMBER: 02/1011.
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCI/US98/16688
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: 60/055,865
PRIOR APPLICATION NUMBER: 60/055,865
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Microsoft Office 97
LENGTH: DEATH OF 10
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PRIOR APPLICATION NUMBER: 09/837,944
PRIOR FILING DATE: 2001-04-8
PRIOR FILING DATE: 2001-04-8
PRIOR PELING DATE: 2001-04-09
PRIOR FILING DATE: 2001-08-09
PRIOR PELING DATE: 2001-08-09
PRIOR PELING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/834,455
PRIOR PELING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 00/338,692
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 10/171,468
PRIOR PELING DATE: 2002-06-09
PRIOR PELING DATE: 2002-06-09
PRIOR FILING DATE: 2002-06-09
PRIOR FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 824, Application US/10374780A; Publication No. US20040019927A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sherman, Bradley K
APPLICANT: Riechmann, Jose Luis
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Heard, Jacqueline E
APPLICANT: Haake, Volker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Creelman, Robert A
Ratcliffe, Oliver
Adam, Luc J
Reuber, T. Lynne
Keddie, James
Broun, Pierre E
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illarity 43.6%;
Conservative 1
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CORGANISM: Oryza sativa
US-09-789-054A-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
....hes 65; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-374-780A-824
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APPLICANT: Allen, Steve
APPLICANT: Zhu, Qun
TITLE OF INVENTION: PLANT GENES ENCODING DR1 AND DRAP1, A GLOBAL REPRESSOR COMPLEX OF
TITLE OF INVENTION: TRANSCRIPTION
FILE REFERENCE: BB1107 US CIP
CURRENT APPLICATION NUMBER: US/09/789,054A
CURRENT PILING DATE: 2001-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 11
US-10-425-115-208032
US-10-425-115-208032
Sequence 208032, Application US/10425115
Sequence 208032, Application US/10425115
Setting Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control 
                                                                                                                                                                                                       81 PPQPQLPYSQPQPPPRPQQPYSQPQQPQSPQCPISQQQQ--QQQQQQQQQQQQILQQ1 138
                                                                                                                                                                                                                                                                                                      109
                                                                                                                                                                                                                                                                                                                                                                             139 LQQQLIPCMDVVLQQHNIAHGRSQVLQQSTYQLLQELCCQHLWQIPEQSQCQAIHNVVHA 198
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                                                                                                                                                              55 FPQ----YQIPTPLOPQOPFPQ-----QPQQPLPRPQQPFPWQPQQPFPQPQPIPQQ- 103
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                                                            27 QLQPQNPSQQLPQEQVPLVQQQQFLGQ---QQPFPPQQPYPQPQPF--PSQ-LPYLQLQP 80
                  QLNPCSQELQSP-----QQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPXLPEEL 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                             110 ---QQPQQPFPQQP-QQIIFQQPQQSYPV----QPQQPFPQ----QPQPVPQ 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   199 IILHQQQQXQQQQPSSQVSFQQPLQQYPLGQGSFRPSQQNPQAQGSVQPQQLPQ 252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           57; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: MRT4577_121319C.1.pep
US-10-425-115-208032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24.6%; Score 223; DB 17; 32.3%; Pred. No. 1.4e-09; tive 17; Mismatches 57;
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. Sequence 10, Application US/09789054A
; Publication No. US20020184659A1
; GENERAL INFORMATION:
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Best Local Similarity 32.3%
....has 63, Conservative
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ORGANISM: Zea mays
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SEQ ID NO 10
LENGTH: 29
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION WIDER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 126258

LENGTH: 296

TYPE: nm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PQQPF-PQQPQQPLPRPQ-QPFPWQPQQPGPFPQP---QEP-1PQ--QPQQPFPQQPFPQQPFF 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99 POORPE-POOR AND POOR PROPERTY OF PARTY OF PAR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6 PCSQELQSPQQSYLQQPYPQNPYLPQKPFPVQQPFHTPQQYFPYLPEELFPQYQIPTPLQ 65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 296;
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24.5%; Score 222; DB 16; Length 296;
Best Local Similarity 43.6%; Pred. No. 1.6e-09;
Matches 65; Conservative 10; Mismatches 52; Indels 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Clone ID: PAT_MRT4530_28822C.1.pep
US-10-437-963-126258
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
24.5%; Score 222; DB 15;
Best Local Similarity 43.6%; Pred. No. 1.6e-09;
Matches 65; Conservative 10; Mismatches 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     118 QQPQQIIFQQPQQSYPVQPQQPFPQQPQP 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     249 LÓLOSQLHPÓPÓÓPPOLÓPÓPOLHÓÓPÓP 277
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yinua
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Butharov, Andrey A.
APPLICANT: Loubencount Barbazuk, Brad
APPLICANT: Li, Ping
                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Orthologous to G484
US-10-374-780A-824
                                     SOFTWARE: Patentin version 3.2
SEQ ID NO 824
LENGTH: 296
NUMBER OF SEQ ID NOS: 2906
                                                                                                                                                                                                                   ORGANISM: Oryza sativa FEATURE:
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ORGANISM: Oryza sativa
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US-10-437-963-126258
                                                                                                                                                                             TYPE: PRT
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APPLICANT: Allen, Steve
APPLICANT: Allen, Steve
APPLICANT: Allen, Steve
APPLICANT: Allen, Steve
APPLICANT: Allen, Cun
TITLE OF INVENTION: PLANT GENES ENCODING DR1 AND DRAP!, A GLOBAL REPRESSOR COMPLEX OF
TITLE OF INVENTION: TRANSCRIPTION
FILE REFERENCE: BB1107 US CIP
CURRENT FILING DATE: 2003-07-28
PRIOR PELLORITON NUMBER: US/10/628,969
PRIOR PELLORITON NUMBER: 09/48558
PRIOR FILING DATE: 2001-02-20
PRIOR FILING DATE: 2000-02-11
PRIOR FILING DATE: 2000-02-11
PRIOR FILING DATE: 1998-08-12
PRIOR FILING DATE: 1998-08-12
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 69
SOFTWARE: MICCOSOFT Office 97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66 POOPP-POOPPERPO-OPFPWOPOOPPOOP---OBP-1PO--OPOOPPOOPP 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       189 РООТЕНРОЗООТРОРОРОЙУНРОРОДОРРОПОРОВЕДЕЛОГО В РООТЕРОВОДЕЛЬНО В РООТЕРОВОТИВЕЛЬНО В РООТЕРОВОТИВЕЛЬНО В РООТЕРОВОТИВНИ В РООТЕРОВОТИ В РООТЕРОВ РООТЕРОВ РООТЕРОВОТИ В РООТЕРОВОТИ В РООТЕРОВОТИ В РООТЕРОВ РООТЕРОВОТИ В РООТЕРОВ Р
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Sequence 10, Application US/10628969
Publication No. US20040181828A1
GENERAL INFORMATION:
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; ORGANISM: Oryza sativa
US-10-628-969-10
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Best Local Similarity
Matches 65; Conserv
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RESULT 15 JS-10-628-969-10